

APPENDIX

Changes to Title:

Before Page 1, line 1, the title is added.

Changes to Abstract:

The following is a marked-up version of the amended Abstract.

ABSTRACT OF THE DISCLOSURE

The invention is directed to a solvent-free gas-generating pyrotechnic composition, and a method for continuously manufacturing the composition in a twin-screw mixer-extruder, the composition including a binder, a nitrogenous organic compound, an oxidizing filler, and optionally at least one additive; the oxidizing filler including an ammonium perchlorate and a chlorine scavenger; the binder including at least one polymer, having a molecular mass greater than 200,000 and selected from a polyester polymer and an acrylic ester, and wherein the binder including at least one liquid constituent selected from a polyester resin and a plasticizer.

The invention relates to gas generating pyrotechnic compositions and to a continuous process which allows them to be prepared.

Such compositions comprise a hydrocarbonaceous binder, a nitrogenous organic compound and an oxidizing filler comprising ammonium perchlorate and a chlorine scavenger.

The binder is composed either of the combination of a polyester gum and of a polyester resin or of the combination of an acrylic gum and of a plasticizer for this gum.

The solids (A) and the liquids (B) are introduced into the twin screw mixer extruder (1) via two different feed openings. The constituents are then conveyed and kneaded in the compartment (2), so as to obtain a homogeneous paste. This paste is subsequently degassed in

~~the compartment (3) and then extruded in the form of rods (8). These rods are cut up into charges (9).~~

Changes to Specification:

Page 1, after the title and before the first paragraph, new headings are added.

Page 1, between lines 10 and 12, a new heading is added.

Page 4, between lines 10 and 12, a new heading is added.

Page 10, between lines 4 and 6, new headings and new paragraphs are added.

Changes to Claims:

Claims 1-14 are canceled.

Claims 15-34 are added.